

FIG. 1

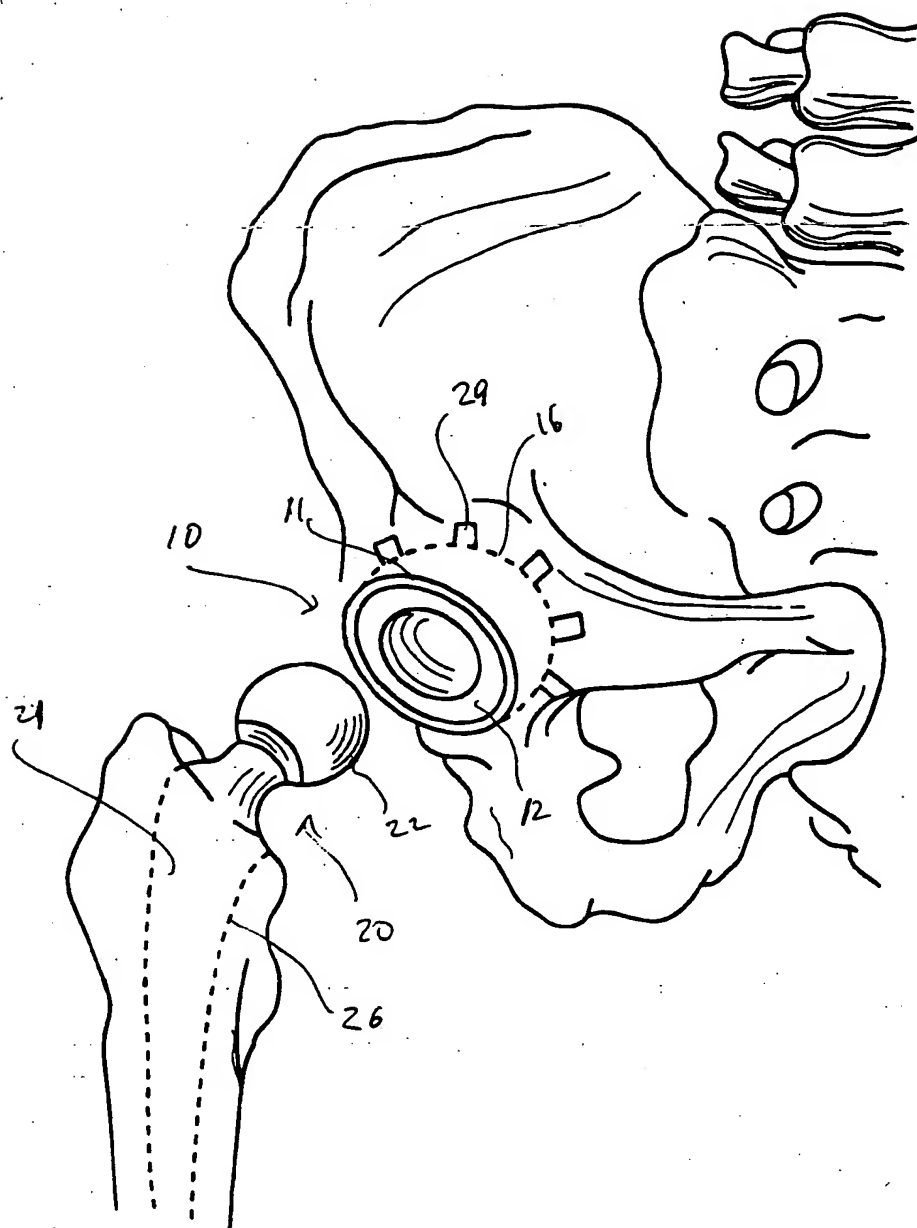


FIG. 1

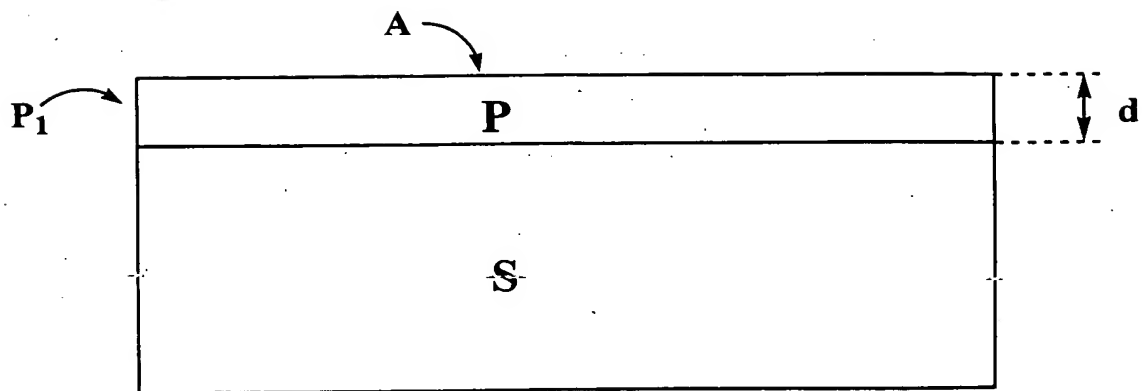


FIG. 2

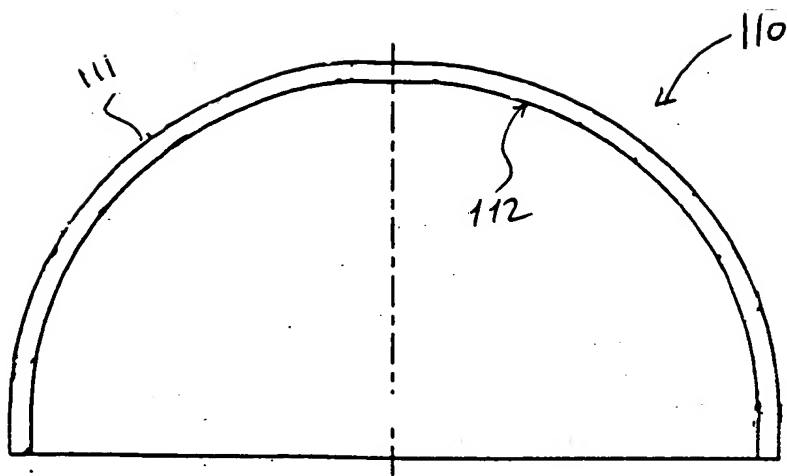


FIG. 4A

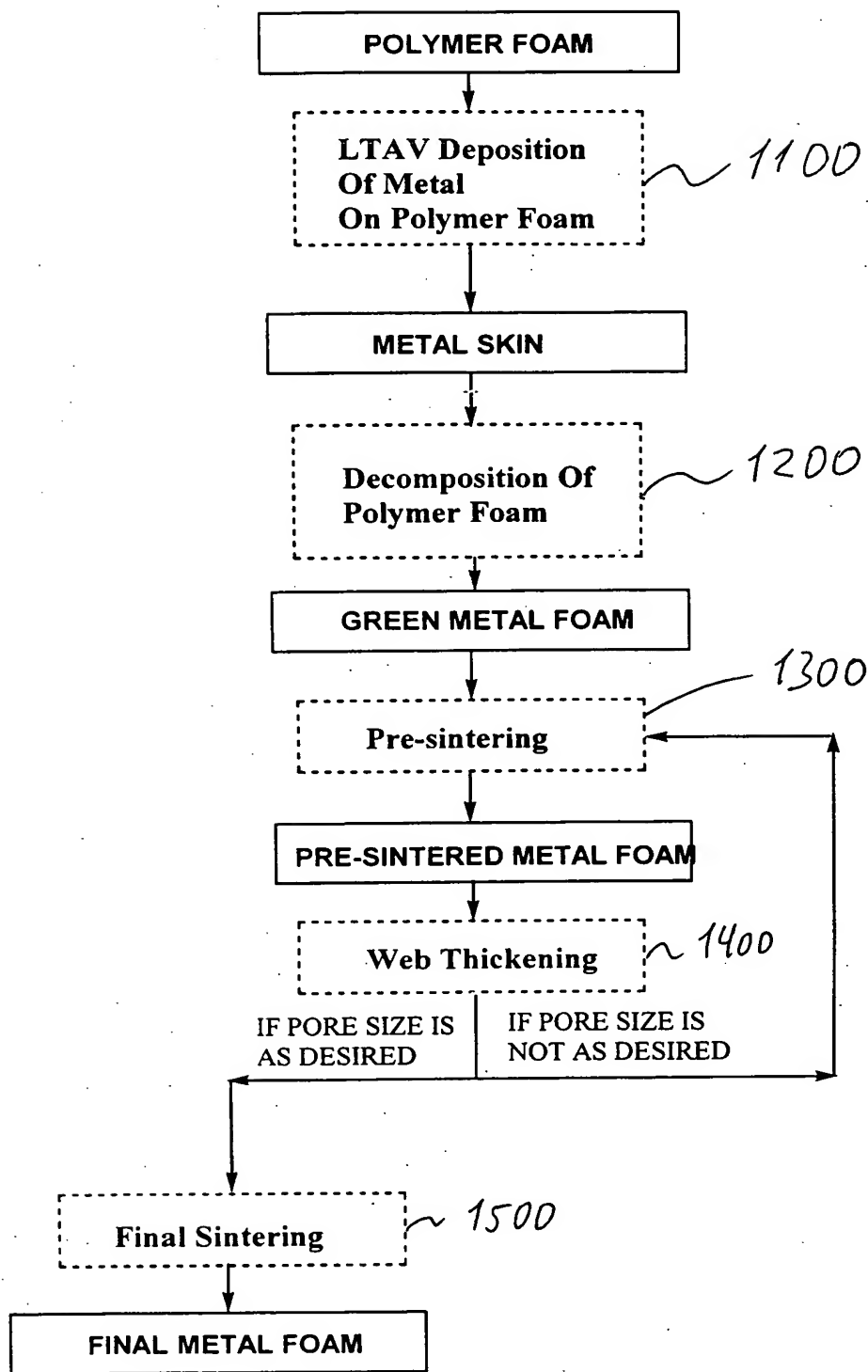
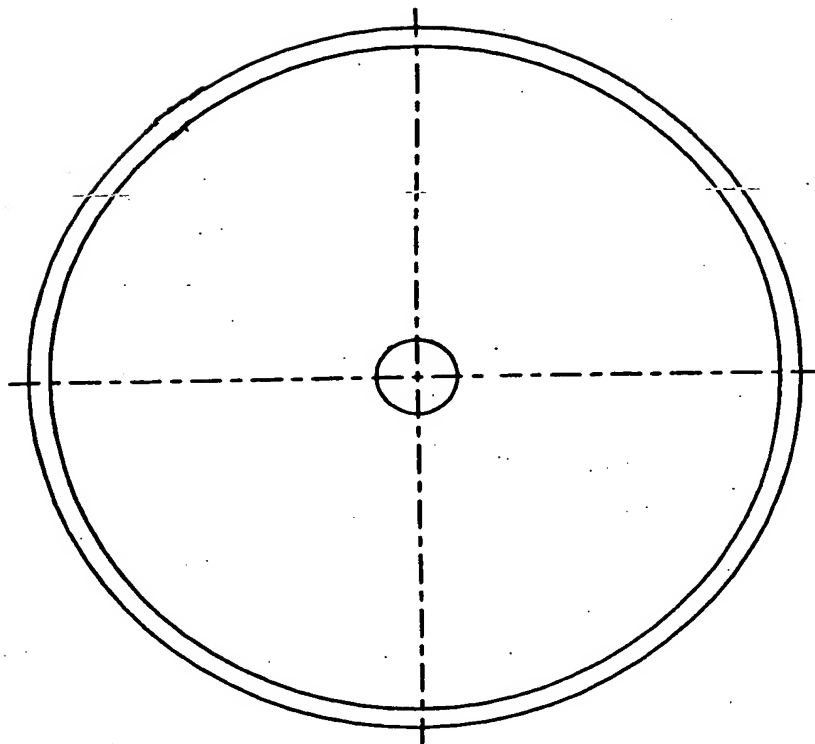


FIG. 3



110

FIG. 4B

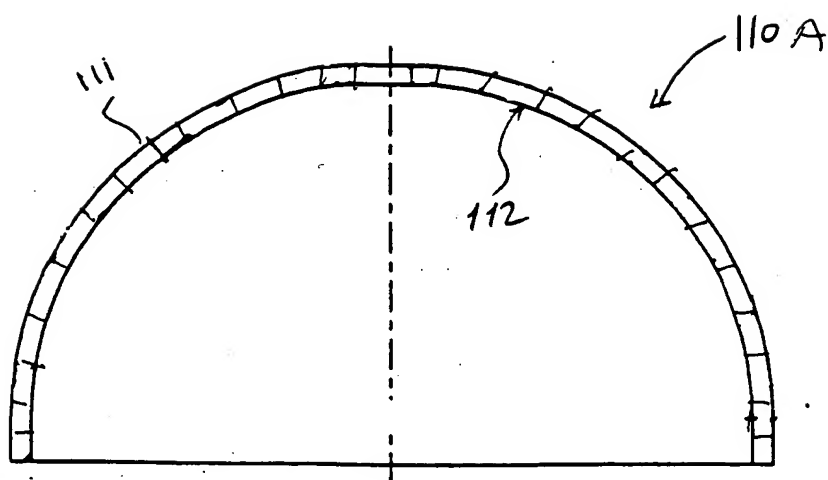
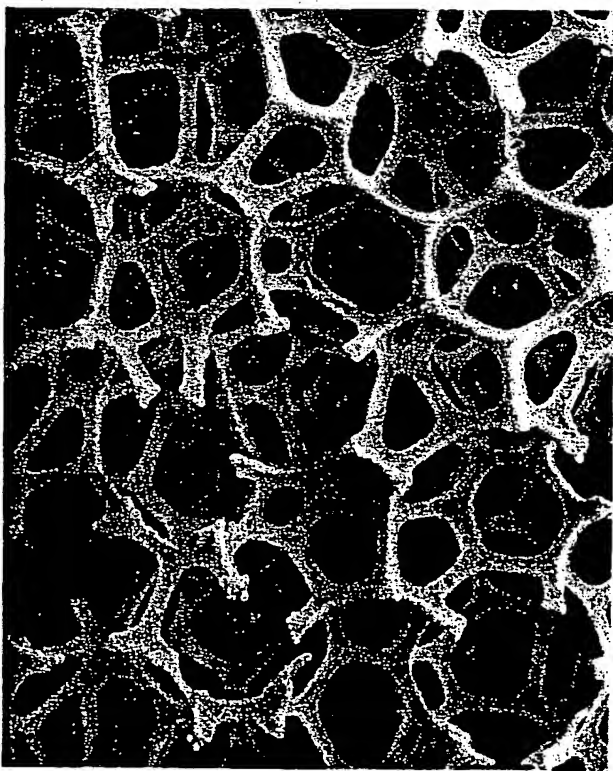
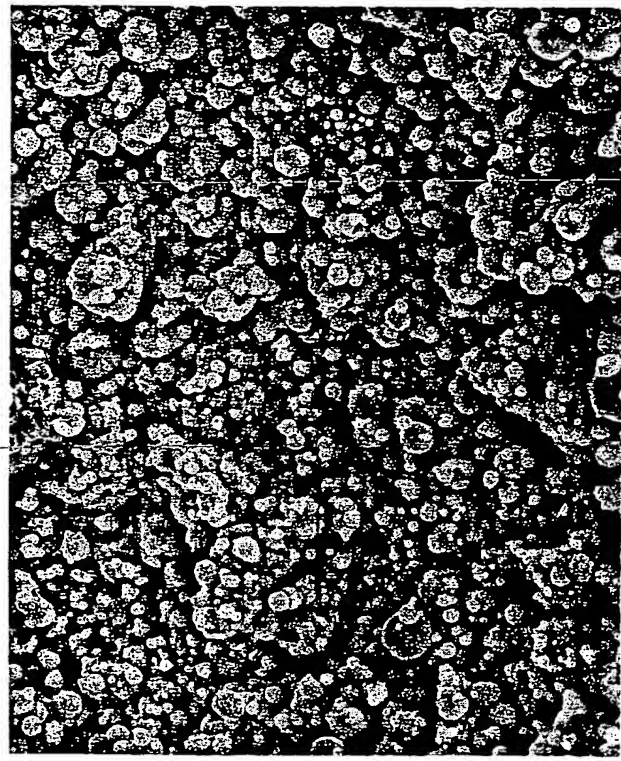


FIG. 4C

63559-49494



25 X



1000 X

FIG. 5





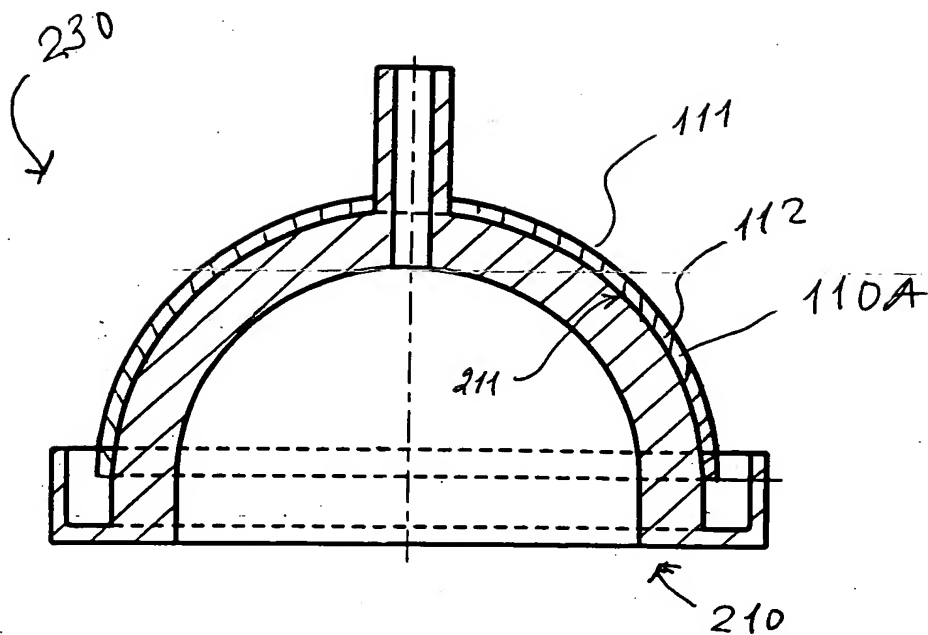


FIG. 7

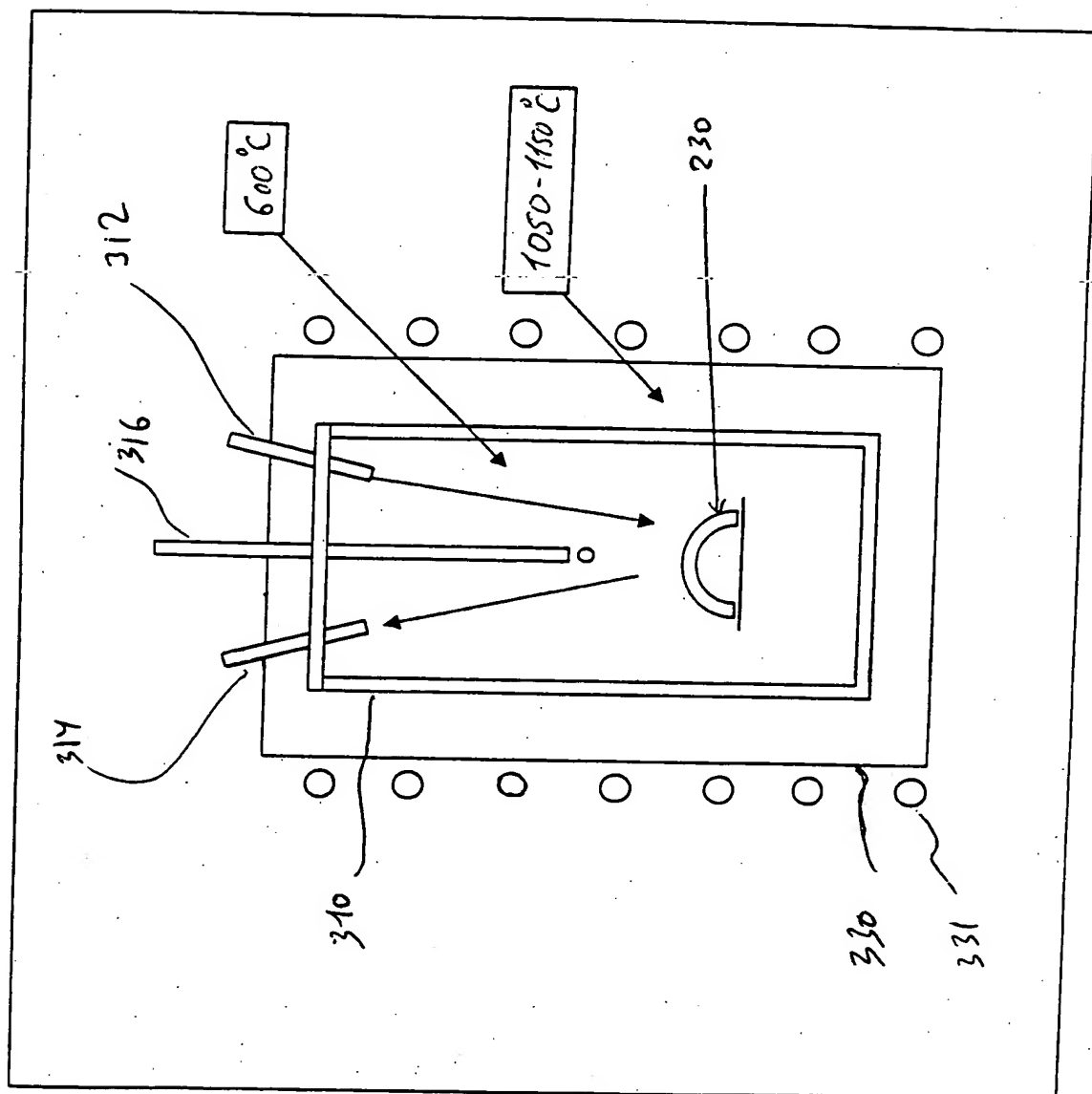


FIG. 8

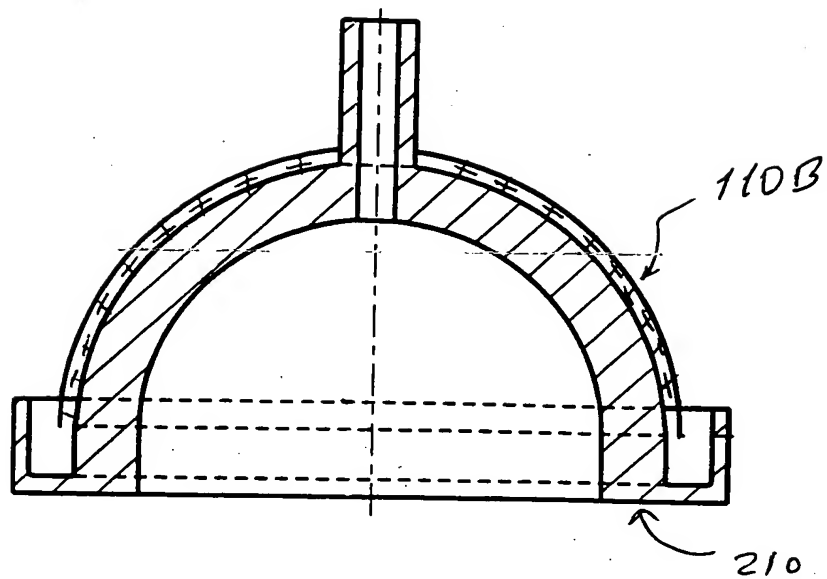
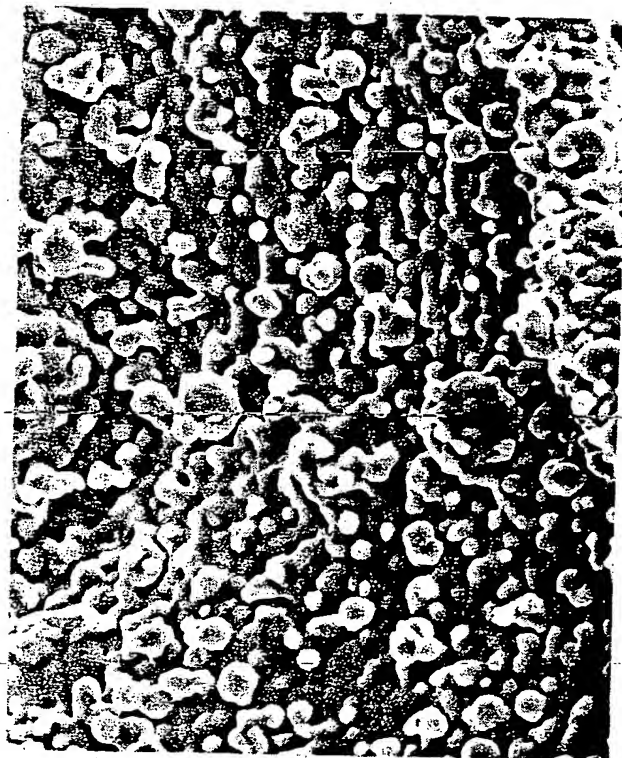


FIG. 9

# 200 X

FIG. 10A

**25 X**



**1000 X**

FLG. 10B

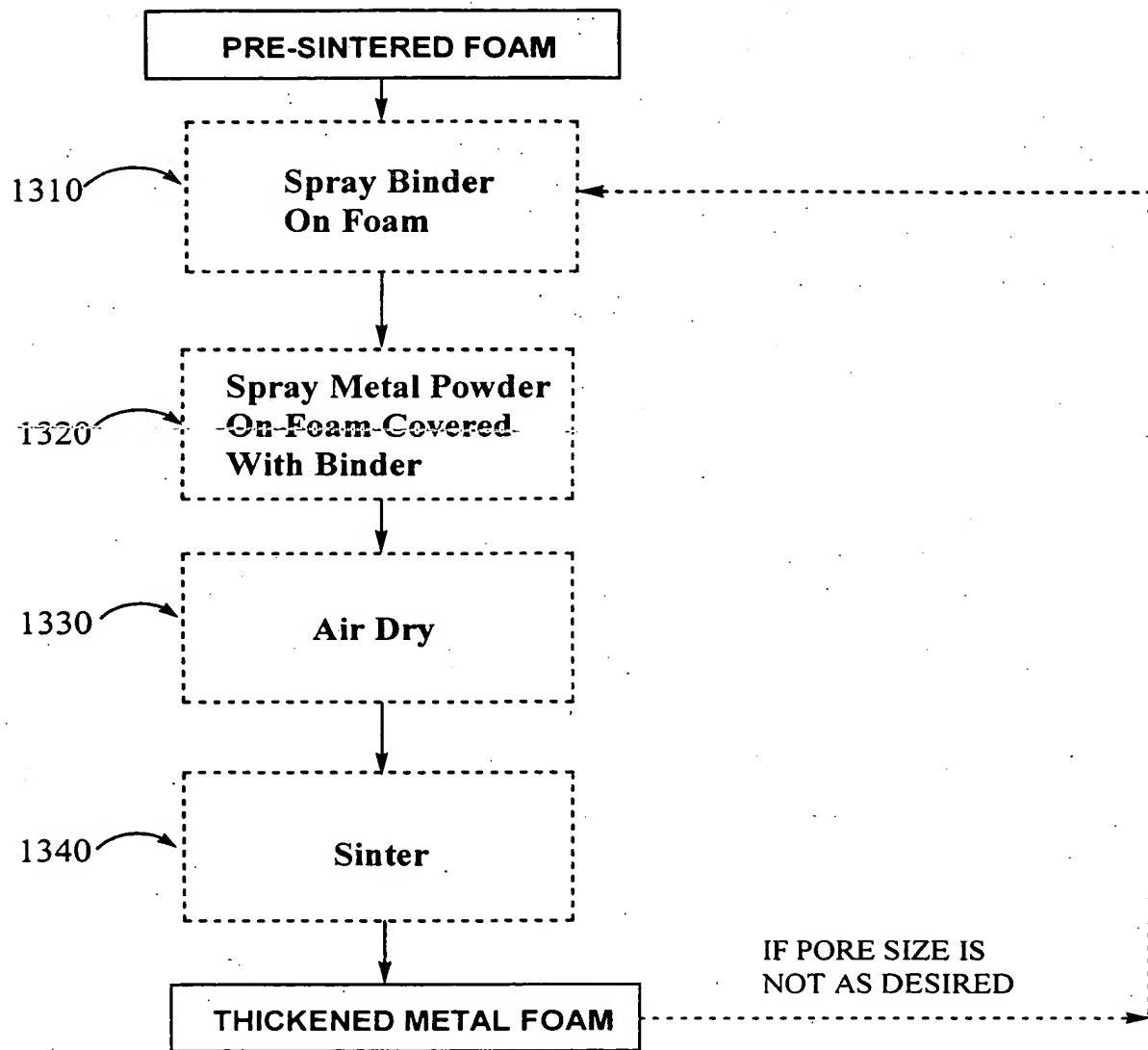


FIG. 11

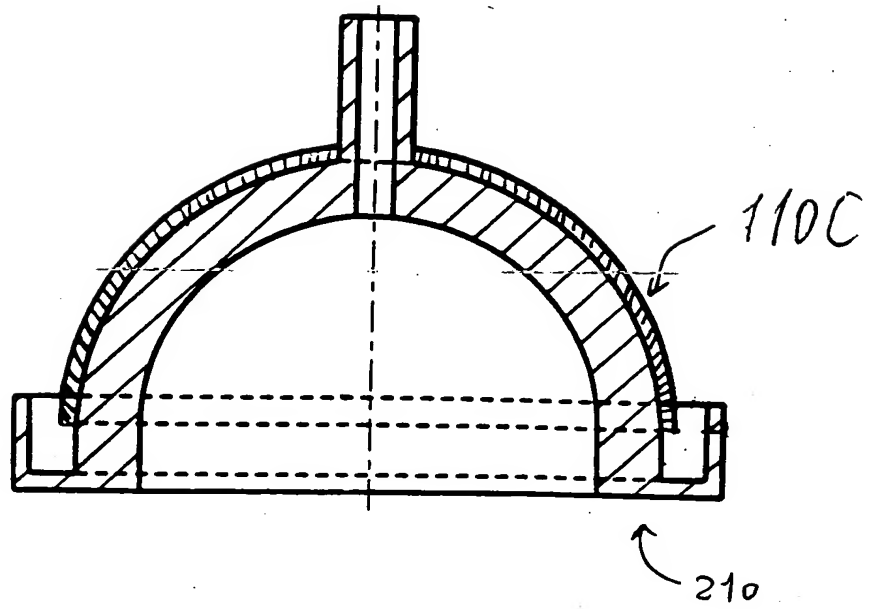


FIG. 12

This SEM micrograph shows the final sintered foam structure. The surface is highly porous and irregular, with a complex network of interconnected struts forming a cellular morphology. A scale bar in the bottom right corner indicates a length of 1 mm. Technical parameters listed at the bottom are: Acc.V 15.0 kV, Spot 4.5, Magn 29x, Det SE, and WD 17.4. The label 'Final Sintered foam' is also present.

F/G.13



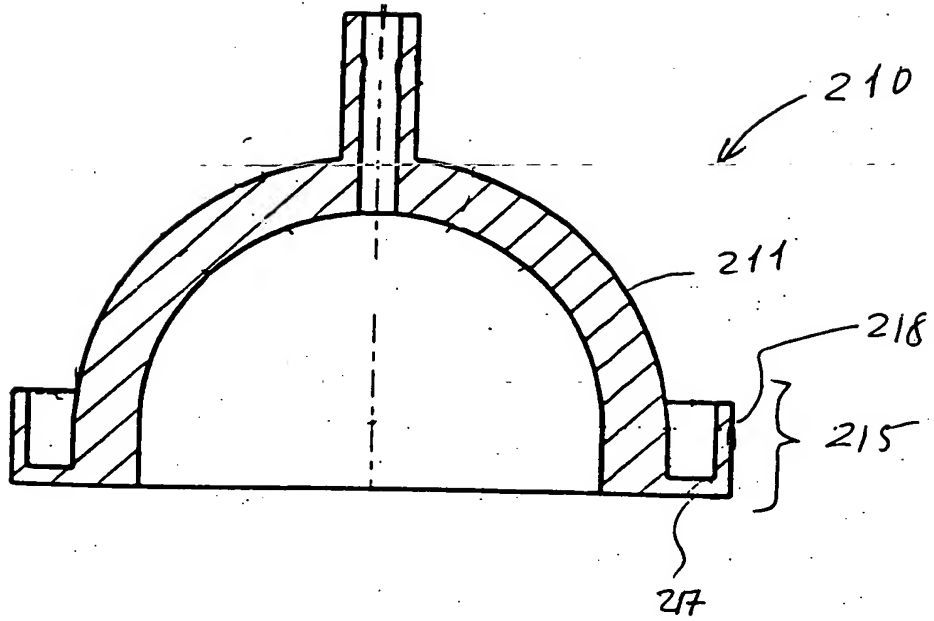


FIG. 14A

FIG. 14B

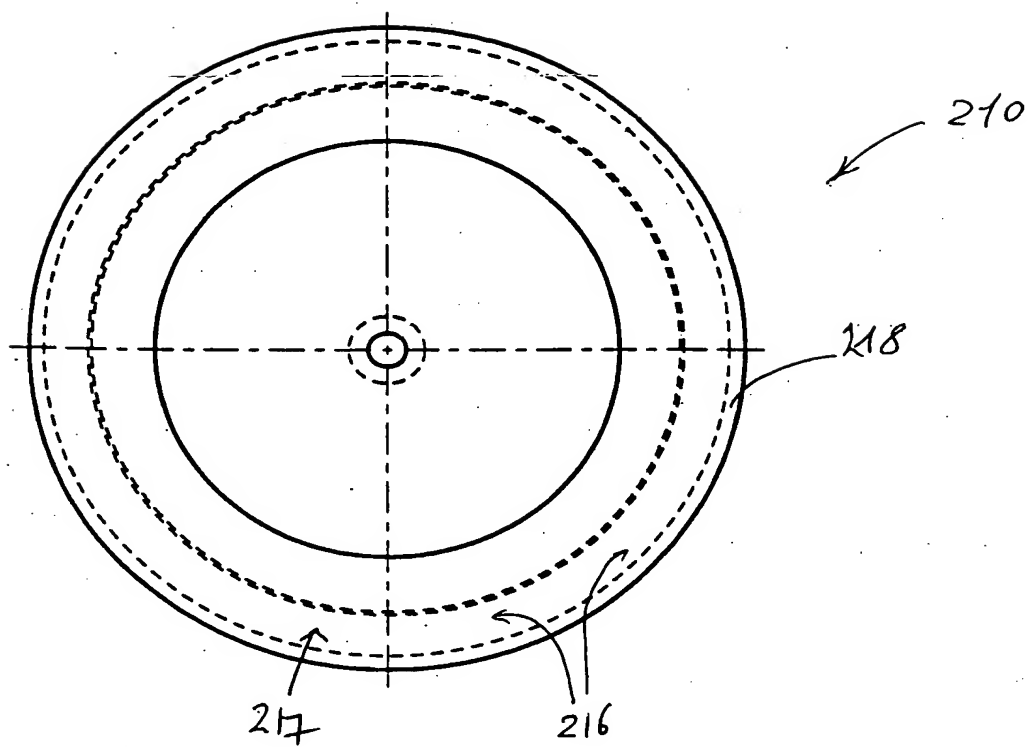


FIG. 14B

FIG. 14C

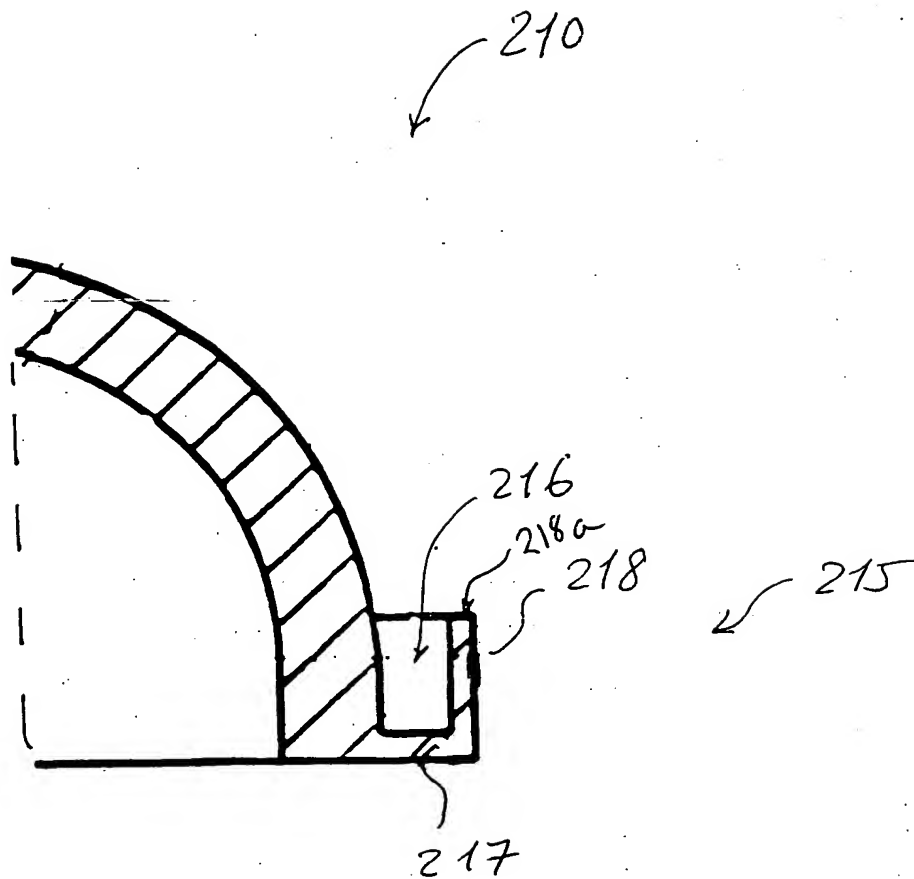


FIG. 14C

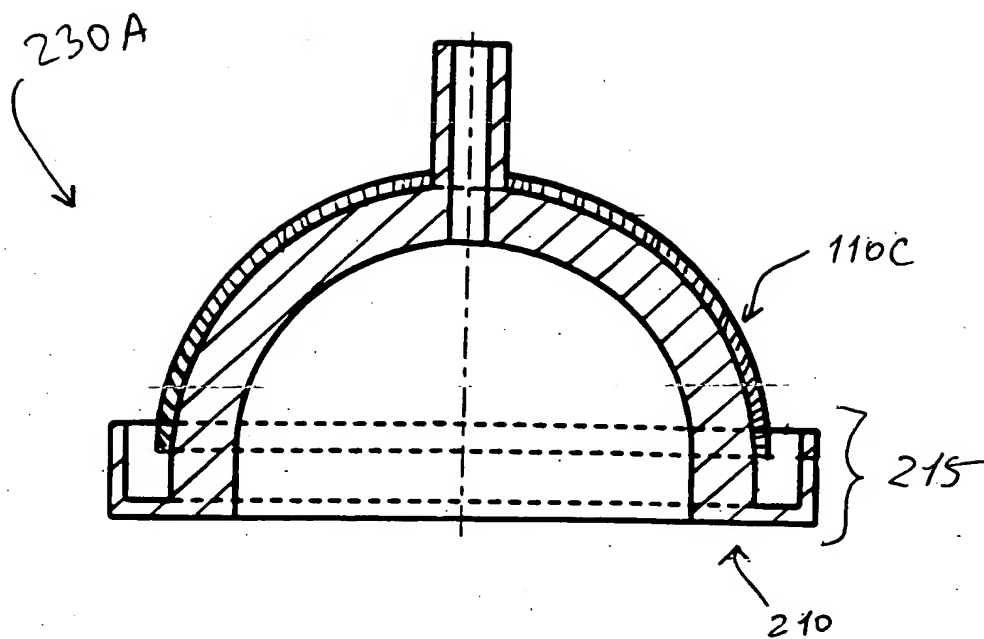


FIG. 15A

FIG. 15B

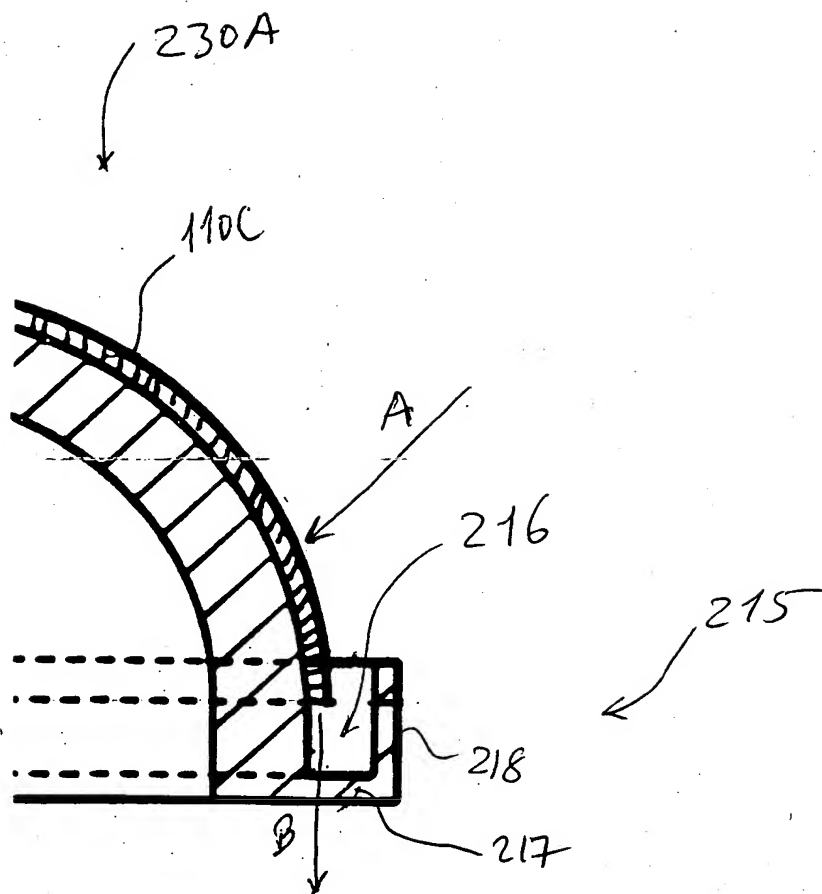


FIG. 15B

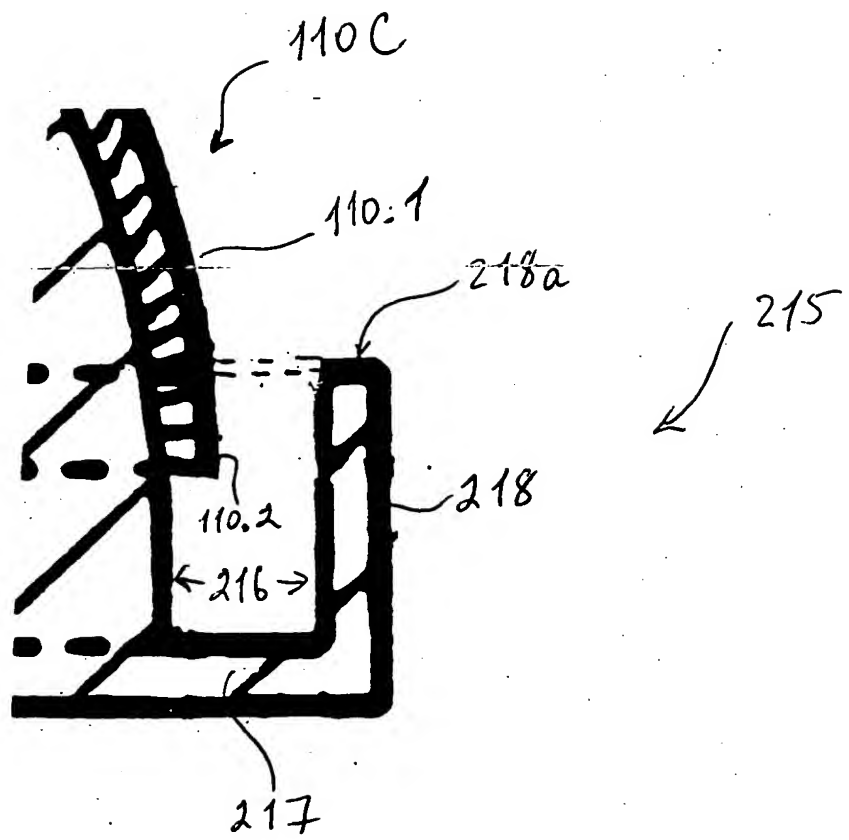


FIG. 15C

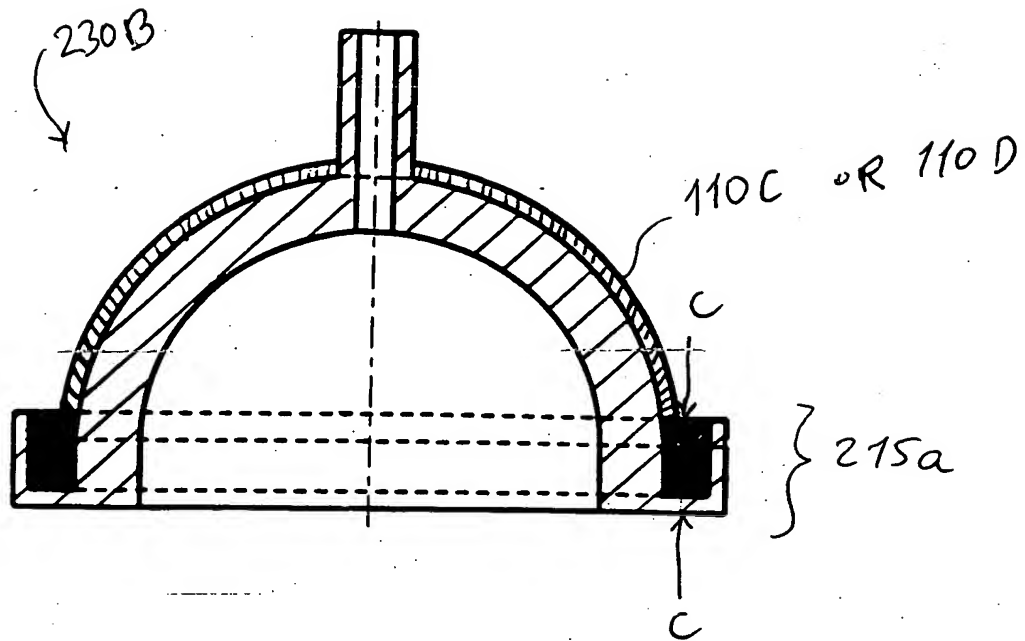


FIG. 16A

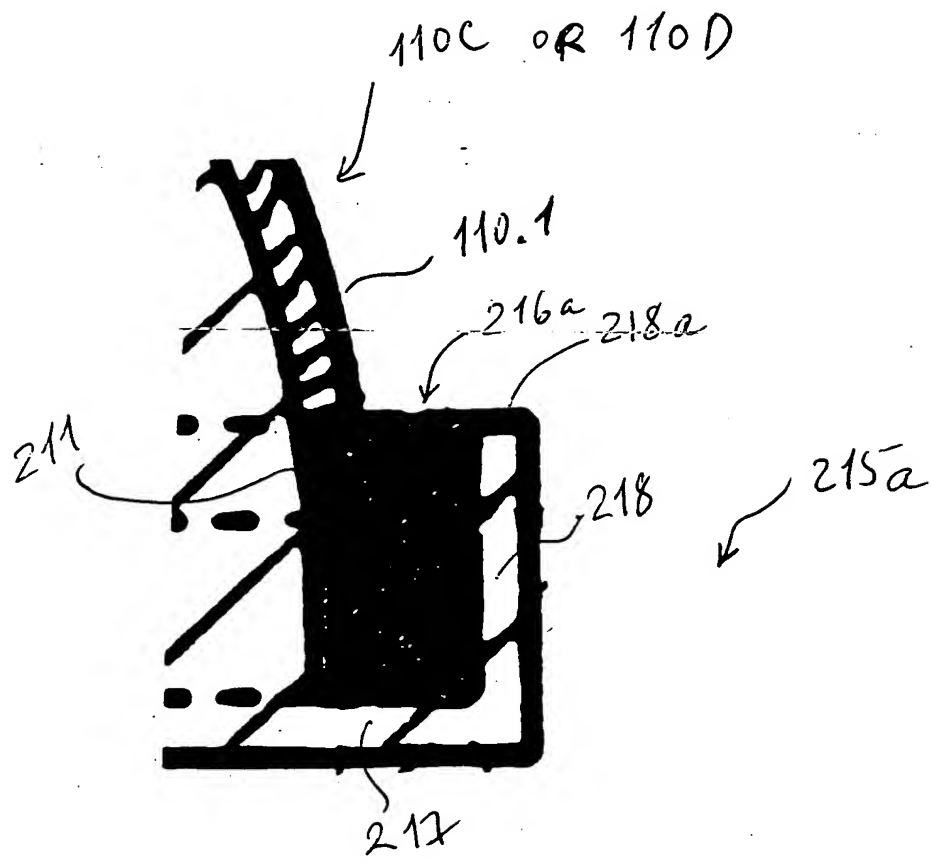


FIG. 16B



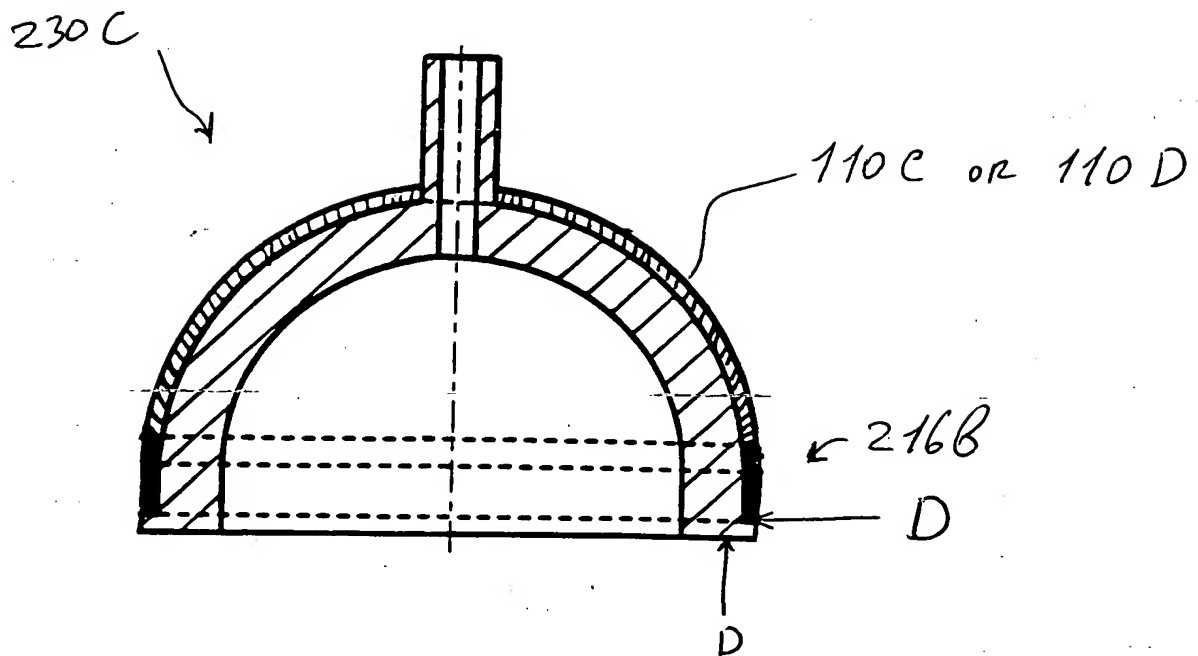


FIG. 17A

FIG. 17B is a side view of the structure of FIG. 17A, showing the internal components and the arrangement of the elements.

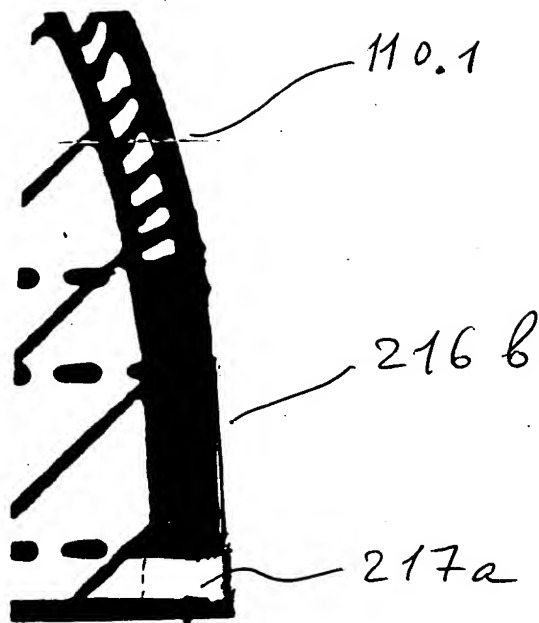
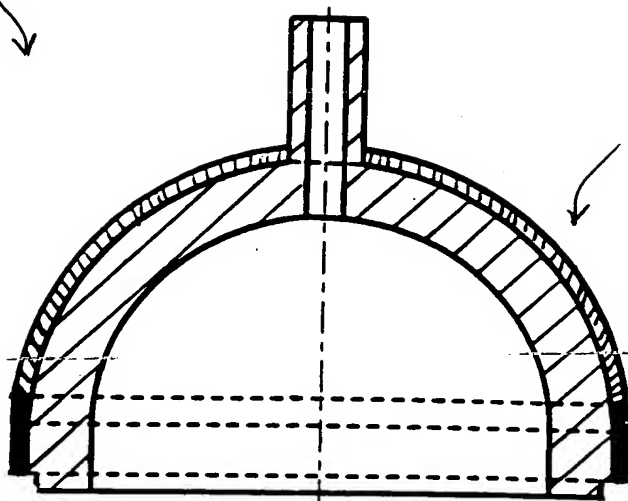


FIG. 17B

230D



110C or 110D

~ 216b

FIG. 18A

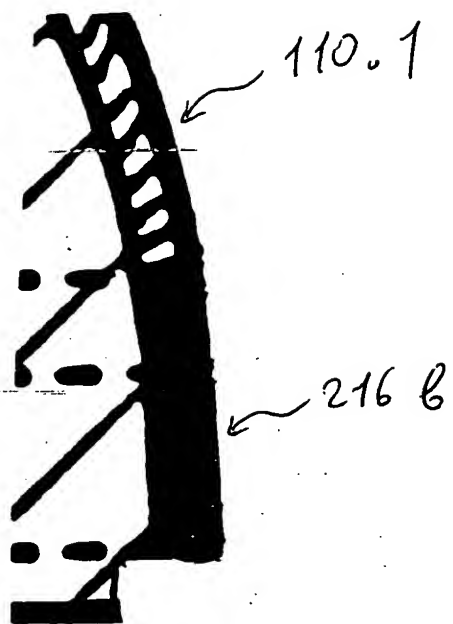


FIG. 18B